

kpff

DC2001 - Foss Waterway Remediation

302 E. 11th St. Tacoma, WA 98421
253-502-2193
Fax: 253-573-1927

Fax Cover Sheet

U.S. Environmental Protection Agency

US EPA, Region 10
1200 6th Avenue, MS ECO-083
Seattle, WA 98101-3188
ATTN: **John Malek**

FAX: **206-553-1775**

PAGES:

DATE: **8/4/2004**

SUBJECT: **Water quality monitoring report for August 2, 2004**

Iain Wingard

Floyd Snider McCarthy

83 South King Street, Suite 614
Seattle, WA 98104

USEPA SF



1231757

PHONE: **206-292-2078**

FAX: **206-682-7867**

MOBILE: **(b) (6)**

Please find enclosed the water quality monitoring results for August 2, 2004.

Visual Water Quality Monitoring

Visual water quality monitoring was conducted during steel pile driving and float assembly at Albers Wharf. No visual water quality problems were reported for this event.

Visual water quality monitoring was performed at Martinac Shipyard during the placement of quarry spalls. No visual water quality problems were reported for this event.

Visual water quality monitoring was performed at Johnny's Dock during excavation behind the existing pile wall in preparation for the sheetwall installation. The contractor reported minor, temporary turbidity near the shoreline, which did not persist or extend beyond the containment booms. No visual water quality problems were reported for this event.

In-situ Water Quality Monitoring

The ambient water quality monitoring station TF 30+00 was monitored during Event A. Dissolved oxygen (DO) ranged from 7.5 to 8.2 mg/L. Temperature was 12.7 to 14.8°C. Turbidity ranged from 0.9 to 2.7 NTU.

Construction water quality monitoring was conducted during placement of habitat mix in RA19A between TF+00 62+00 and 54+00. During Event A (ebb), DO ranged from 7.2 to 8.3 mg/L. Temperature ranged from 12.8 to 15.6°C. Turbidity ranged from 1.2 to 6.8 NTU. Temperature, DO, and turbidity met the water quality criteria during Event A.

During Event B (low), DO ranged from 7.5 to 8.3 mg/L. Temperature ranged from 13.2 to 14.9°C. Turbidity ranged from 2.8 to 6.1 NTU. During Event B, the contractor reported surface visual turbidity at up to 200 feet beyond the work zone, but within the 300 foot compliance boundary. The contractor attempted to measure the surface turbidity, but could not obtain reliable readings. Temperature, DO, and turbidity met the water quality criteria during Event B.

Date Transmitted: 8/4/2004

10:16:50AM

Correspondence CR-1331

Essentially from this point on, I copied cover sheets and reports to CD (included).
Jon



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Construction water quality monitoring was conducted during placement of channel sand cap in RA 19A. During Event C (flood), DO ranged from 7.5 to 8.4 mg/L. Temperature ranged from 13.5 to 17.2°C. Turbidity ranged from 4.6 to 10.9 NTU. Temperature, DO, and turbidity met the water quality criteria during Event C.

If you have any questions regarding the information in this transmittal, please feel free to contact me.

Sincerely,
Iain Wingard

Note: This information has been transmitted by email to John Malek at EPA and to Joe Marsh and Emile Pitre at the Corps.

Qty	Item	Description
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CC:

Cross-References

Water Quality Monitoring Log # WQM-0155.00

Date Transmitted: 8/4/2004

10:16:50AM

Correspondence CR-1331



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US EPA, Region 10
1200 6th Avenue, MS ECO-083
Seattle, WA 98101-3188

ATTN: **John Malek**

FAX: 206-553-1775

PAGES:

DATE: 8/3/2004

SUBJECT: **Water quality monitoring report for July 30, 2004**

Iain Wingard

Floyd Snider McCarthy

83 South King Street, Suite 614
Seattle, WA 98104

PHONE: 206-292-2078

FAX: 206-682-7867

MOBILE: (b) (6)

Please find enclosed the water quality monitoring results for July 30, 2004.

Visual Water Quality Monitoring

Visual water quality monitoring was conducted during steel pile driving and float assembly at Albers Wharf. No visual water quality problems were reported for this event.

Visual water quality monitoring was performed at Johnny's Dock during shoreline excavation in preparation for the sheetwall installation. The contractor reported minor, temporary turbidity near the shoreline, which did not persist or extend beyond the containment booms. No visual water quality problems were reported for this event.

If you have any questions regarding the information in this transmittal, please feel free to contact me.

Sincerely,
Iain Wingard

Note: This information has been transmitted by email to John Malek at EPA and Joe Marsh and Emile Pitre at the Corps.

Qty	Item	Description
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CC:



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Cross-References

Water Quality Monitoring Log # WQM-0154.00

Date Transmitted: 8/3/2004

10:59:04AM

Correspondence CR-1330



Scott Henderson
<Scott.Henderson@floydsnider.com>

08/05/2004 02:19 PM

To: John Malek/R10/USEPA/US@EPA,
joseph.r.marsh@nws02.usace.army.mil,
Emile.Pitre@nws02.usace.army.mil
cc: Iain Wingard <Iain.Wingard@floydsnider.com>
Subject: Water Quality Monitoring Report for August 4, 2004

Hello,

Please find attached the water quality monitoring report for August 4, 2004. Please contact me if you have any trouble opening the attachments.

Thanks.

Scott Henderson, PE

My e-mail address has been changed to scott.henderson@floyd.snider.com

FLOYD | SNIDER

83 South King Street

Suite 614

Seattle, WA 98104

Seattle Office tel: 206.292.2078 ext. 1003

I am currently at the Tacoma Site:

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Check us out at <http://www.floydsnider.com/>



- VISTA Fax Cover WQM 8-4-04.pdf



- WQ Monitoring Report Martinac, Johnnys, Albers, RA 19A 08-4-04.pdf